

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

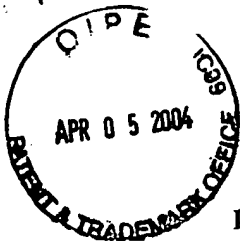
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



Attorney Docket No.: 3220-73780
Client Reference No.: P-01073.00.US

DECLARATION AND POWER OF ATTORNEY -- PATENT APPLICATION

As a below named inventor, I hereby declare that I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought in the application entitled:

METHOD AND APPARATUS FOR MEASURING A SUBSTANCE IN A BIOLOGICAL SAMPLE
the specification of which
(check one) ☐ is attached hereto
☒ was filed on October 24, 2003 as
United States Application Serial No. 10/692,996 or
PCT International Application No. _____
and was amended on _____

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate on which priority is claimed (as listed below) and I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
<u>PCT/US02/22899</u> (Number)	<u>PCT</u> (Country)
<u>7/18/02</u> (Day/Month/Year Filed)	<u>X</u> Yes
<u> </u> (Number)	<u> </u> (Country)
<u> </u> (Day/Month/Year Filed)	<u> </u> Yes
<u> </u> (Number)	<u> </u> (Country)
<u> </u> (Day/Month/Year Filed)	<u> </u> Yes

I hereby claim benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

<u>60/312,165</u> Application Number	<u>8/14/01</u> Filing Date
<u> </u> Application Number	<u> </u> Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(b) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u> </u> Application Serial No.	<u> </u> Filing Date	<u> </u> Status-patented, pending, abandoned
<u> </u> Application Serial No.	<u> </u> Filing Date	<u> </u> Status-patented, pending, abandoned

I hereby appoint William R. Coffey, Reg. No. 24023; Arland T. Stein, Reg. No. 25062; Richard D. Conard, Reg. No. 27321; Dilip A. Kulkarni, Reg. No. 27510; Richard A. Rezek, Reg. No. 30796; Paul B. Hunt, Reg. No. 37154; Jeffrey A. Michael, Reg. No. 37394; Bradford G. Addison, Reg. No. 41486; Shawn D. Bauer, Reg. No. 41603; Ronald S. Henderson, Reg. No. 43669; James R. Sweeney II, Reg. No. 45670; Christopher E. Haigh, Reg. No. 46377; Kevin D. Bailey, Reg. No. 46531; Rebecca Ball, Reg.

No. 46535; Carli E. Stewart, Reg. No. 51058; Helen Geib, Reg. No. 50924; Kevin L. McLaren, Reg. No. 48351; Perry Palan, Reg. No. 26213; Mark M. Newman, Reg. No. 31472; Richard P. Krinsky, Reg. No. 47720; Richard B. Lazarus, Reg. No. 48215; Bobby B. Gillenwater, Reg. No. 31105; Gregory S. Cooper, Reg. No. 40965; Thomas J. Donovan, Reg. No. 33231; Alice O. Martin, Reg. No. 35601; Grant H. Peters, Reg. No. 35977; Daniel P. Albers, Reg. No. 44008; Sendil Devadas, Reg. No. 52425; Thomas E. Smith, Reg. No. 18243; Dennis M. McWilliams, Reg. No. 25195; James R. Sweeney, Reg. No. 18721; William M. Lee, Jr., Reg. No. 26935; Glenn W. Ohlson, Reg. No. 28455; David C. Brezina, Reg. No. 34128; Jeffrey R. Gray, Reg. No. 33391; Gerald S. Geren, Reg. No. 24528; Robert F.I. Conte, Reg. No. 20354; Timothy J. Engling, Reg. No. 39970; Howard B. Rockman, Reg. No. 22190; Peter J. Shakula, Reg. No. 40808; Mark A. Hagedorn, Reg. No. 44731; Mark J. Nahnsen, Reg. No. 51093; and Brian J. Gill, Registration No. 46727 as attorneys of record with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and I specify that communications regarding the application be directed to:

BARNES & THORNBURG
11 South Meridian Street
Indianapolis, Indiana 46204
Telephone (317) 236-1313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Jay Prabhakar Gore
FULL NAME OF SOLE OR FIRST JOINT INVENTOR

Jay Prabhakar Gore
Inventor's Signature

916 LaGrange Street

West Lafayette, IN 47907
Residence and Post Office Address

Sivakumar Santhanakrishnan
FULL NAME OF SECOND JOINT INVENTOR

Inventor's Signature

5309 Holly Springs Dr. E., Bldg. 25

Indianapolis, IN 46254
Residence and Post Office Address

Kislaya Kunian
FULL NAME OF THIRD JOINT INVENTOR

Inventor's Signature

428-4 S. Chauncey Avenue

West Lafayette, IN 47906
Residence and Post Office Address

USA
Country of Citizenship

15 March 2004
Date

India
Country of Citizenship

Date

India
Country of Citizenship

Date

Anjan Mehta
FULL NAME OF FOURTH JOINT INVENTOR

USA
Country of Citizenship

Inventor's Signature

Date

18 Willis Holden Drive

Acton, MA 01720
Residence and Post Office Address

Paul J. Mulqueen
FULL NAME OF FIFTH JOINT INVENTOR

USA
Country of Citizenship

Inventor's Signature

Date

5472 N. 300 E.

Greenfield, IN 46140

INDS02 GLT 639999v1
1

No. 46535; Carli E. Stewart, Reg. No. 51058; Helen Geib, Reg. No. 50924; Kevin L. McLaren, Reg. No. 48351; Perry Palan, Reg. No. 26213; Mark M. Newman, Reg. No. 31472; Richard P. Krinsky, Reg. No. 47720; Richard B. Lazarus, Reg. No. 48215; Bobby B. Gillenwater, Reg. No. 31105; Gregory S. Cooper, Reg. No. 40965; Thomas J. Donovan, Reg. No. 33231; Alice O. Martin, Reg. No. 35601; Grant H. Peters, Reg. No. 35977; Daniel P. Albers, Reg. No. 44008; Sendil Devadas, Reg. No. 52425; Thomas E. Smith, Reg. No. 18243; Dennis M. McWilliams, Reg. No. 25195; James R. Sweeney, Reg. No. 18721; William M. Lee, Jr., Reg. No. 26935; Glenn W. Ohlson, Reg. No. 28455; David C. Brezina, Reg. No. 34128; Jeffrey R. Gray, Reg. No. 33391; Gerald S. Geren, Reg. No. 24528; Robert F.I. Conte, Reg. No. 20354; Timothy J. Engling, Reg. No. 39970; Howard B. Rockman, Reg. No. 22190; Peter J. Shakula, Reg. No. 40808; Mark A. Hagedorn, Reg. No. 44731; Mark J. Nahnsen, Reg. No. 51093; and Brian J. Gill, Registration No. 46727 as attorneys of record with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and I specify that communications regarding the application be directed to:

BARNES & THORNBURG
11 South Meridian Street
Indianapolis, Indiana 46204
Telephone (317) 236-1313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Jay Prabhakar Gore
FULL NAME OF SOLE OR FIRST JOINT INVENTOR

USA
Country of Citizenship

Inventor's Signature

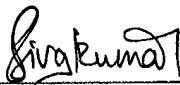
Date

916 LaGrange Street

West Lafayette, IN 47907
Residence and Post Office Address

Sivakumar Santhanakrishnan
FULL NAME OF SECOND JOINT INVENTOR

India
Country of Citizenship


Inventor's Signature

March 15, 2004
Date

5309 Holly Springs Dr. E., Bldg. 25

Indianapolis, IN 46254
Residence and Post Office Address

Kislaya Kunjan
FULL NAME OF THIRD JOINT INVENTOR

India
Country of Citizenship

Inventor's Signature

Date

428-4, S. Chauncey Avenue

West Lafayette, IN 47906
Residence and Post Office Address

Anjan Mehta
FULL NAME OF FOURTH JOINT INVENTOR

USA
Country of Citizenship

Inventor's Signature

Date

18 Willis Holden Drive

Acton, MA 01720
Residence and Post Office Address

Paul J. Mulqueen
FULL NAME OF FIFTH JOINT INVENTOR

USA
Country of Citizenship

Inventor's Signature

Date

5472 N. 300 E.

Greenfield, IN 46140

INDS02 GLT 639999v1
1



Attorney Docket No.: 3220-73780
Client Reference No.: P-01073.00.US

DECLARATION AND POWER OF ATTORNEY -- PATENT APPLICATION

As a below named inventor, I hereby declare that I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought in the application entitled:

METHOD AND APPARATUS FOR MEASURING A SUBSTANCE IN A BIOLOGICAL SAMPLE
the specification of which
(check one) is attached hereto
 X was filed on October 24, 2003 as
United States Application Serial No. 10/692,996 or
PCT International Application No.
and was amended on

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate on which priority is claimed (as listed below) and I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
<u>PCT/US02/22899</u> (Number)	<u>PCT</u> (Country)
<u>7/18/02</u> (Day/Month/Year Filed)	<u>X</u> Yes
<u> </u> (Number)	<u> </u> (Country)
<u> </u> (Day/Month/Year Filed)	<u> </u> Yes
<u> </u> (Number)	<u> </u> (Country)
<u> </u> (Day/Month/Year Filed)	<u> </u> Yes

I hereby claim benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

<u>60/312,165</u> Application Number	<u>8/14/01</u> Filing Date
<u> </u> Application Number	<u> </u> Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(b) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u> </u> Application Serial No.	<u> </u> Filing Date	<u> </u> Status-patented, pending, abandoned
<u> </u> Application Serial No.	<u> </u> Filing Date	<u> </u> Status-patented, pending, abandoned

I hereby appoint William R. Coffey, Reg. No. 24023; Arland T. Stein, Reg. No. 25062; Richard D. Conard, Reg. No. 27321; Dilip A. Kulkarni, Reg. No. 27510; Richard A. Rezek, Reg. No. 30796; Paul B. Hunt, Reg. No. 37154; Jeffrey A. Michael, Reg. No. 37394; Bradford G. Addison, Reg. No. 41486; Shawn D. Bauer, Reg. No. 41603; Ronald S. Henderson, Reg. No. 43669; James R. Sweeney II, Reg. No. 45670; Christopher E. Haigh, Reg. No. 46377; Kevin D. Bailey, Reg. No. 46531; Rebecca Ball, Reg.

No. 46535; Carli E. Stewart, Reg. No. 51058; Helen Geib, Reg. No. 50924; Kevin L. McLaren, Reg. No. 48351; Perry Palan, Reg. No. 26213; Mark M. Newman, Reg. No. 31472; Richard P. Krinsky, Reg. No. 47720; Richard B. Lazarus, Reg. No. 48215; Bobby B. Gillenwater, Reg. No. 31105; Gregory S. Cooper, Reg. No. 40965; Thomas J. Donovan, Reg. No. 33231; Alice O. Martin, Reg. No. 35601; Grant H. Peters, Reg. No. 35977; Daniel P. Albers, Reg. No. 44008; Sendil Devadas, Reg. No. 52425; Thomas E. Smith, Reg. No. 18243; Dennis M. McWilliams, Reg. No. 25195; James R. Sweeney, Reg. No. 18721; William M. Lee, Jr., Reg. No. 26935; Glenn W. Ohlson, Reg. No. 28455; David C. Brezina, Reg. No. 34128; Jeffrey R. Gray, Reg. No. 33391; Gerald S. Geren, Reg. No. 24528; Robert F.I. Conte, Reg. No. 20354; Timothy J. Engling, Reg. No. 39970; Howard B. Rockman, Reg. No. 22190; Peter J. Shakula, Reg. No. 40808; Mark A. Hagedorn, Reg. No. 44731; Mark J. Nahnsen, Reg. No. 51093; and Brian J. Gill, Registration No. 46727 as attorneys of record with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and I specify that communications regarding the application be directed to:

BARNES & THORNBURG
11 South Meridian Street
Indianapolis, Indiana 46204
Telephone (317) 236-1313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Jay Prabhakar Gore
FULL NAME OF SOLE OR FIRST JOINT INVENTOR

USA
Country of Citizenship

Inventor's Signature

Date

916 LaGrange Street

West Lafayette, IN 47907
Residence and Post Office Address

Sivakumar Santhanakrishnan
FULL NAME OF SECOND JOINT INVENTOR

India
Country of Citizenship

Inventor's Signature

Date

5309 Holly Springs Dr. E., Bldg. 25

Indianapolis, IN 46254
Residence and Post Office Address

Kislaya Kunjan
FULL NAME OF THIRD JOINT INVENTOR

India
Country of Citizenship


Inventor's Signature

03/22/2004
Date

428-4, S. Chauncey Avenue

West Lafayette, IN 47906
Residence and Post Office Address

Anjan Mehta
FULL NAME OF FOURTH JOINT INVENTOR

USA
Country of Citizenship

Inventor's Signature

Date

18 Willis Holden Drive

Acton, MA 01720
Residence and Post Office Address

Paul J. Mulqueen
FULL NAME OF FIFTH JOINT INVENTOR

USA
Country of Citizenship

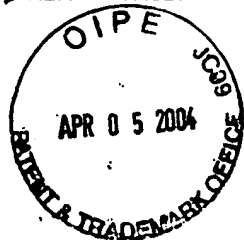
Inventor's Signature

Date

5472 N. 300 E.

Greenfield, IN 46140

INDS02 GLT 639999v1
1



Attorney Docket No.: 2220-73780
 Client Reference No.: P-01073.00.US

DECLARATION AND POWER OF ATTORNEY – PATENT APPLICATION

As a below named inventor, I hereby declare that I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought in the application entitled:

METHOD AND APPARATUS FOR MEASURING A SUBSTANCE IN A BIOLOGICAL SAMPLE
 the specification of which
 (check one) is attached hereto
 X was filed on October 24, 2003 as
 United States Application Serial No. 10/692,996 or
 PCT International Application No. _____
 and was amended on _____

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate on which priority is claimed (as listed below) and I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>PCT/US02/22899</u>	<u>PCT</u>	<u>7/18/02</u>	<u>X</u>	<u> </u>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

<u>60/312,165</u>	<u>8/14/01</u>
Application Number	Filing Date
<u> </u>	<u> </u>
Application Number	Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(b) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u> </u>	<u> </u>	<u> </u>
Application Serial No.	Filing Date	Status-patented, pending, abandoned

<u> </u>	<u> </u>	<u> </u>
Application Serial No.	Filing Date	Status-patented, pending, abandoned

I hereby appoint William R. Coffey, Reg. No. 24023; Arland T. Stein, Reg. No. 25062; Richard D. Conard, Reg. No. 27321; Dilip A. Kulkarni, Reg. No. 27510; Richard A. Rezek, Reg. No. 30796; Paul B. Hunt, Reg. No. 37154; Jeffrey A. Michael, Reg. No. 37394; Bradford G. Addison, Reg. No. 41486; Shawn D. Bauer, Reg. No. 41603; Ronald S. Henderson, Reg. No. 43669; James R. Sweeney II, Reg. No. 45670; Christopher E. Haigh, Reg. No. 46377; Kevin D. Bailey, Reg. No. 46531; Rebecca Ball, Reg.

No. 46535; Carl E. Stewart, Reg. No. 51058; Helen Geib, Reg. No. 50924; Kevin L. McLaren, Reg. No. 48351; Perry Palan, Reg. No. 26213; Mark M. Newman, Reg. No. 31472; Richard P. Krinsky, Reg. No. 47720; Richard B. Lazarus, Reg. No. 48215; Bobby B. Gillenwater, Reg. No. 31105; Gregory S. Cooper, Reg. No. 40965; Thomas J. Donovan, Reg. No. 33231; Alice O. Martin, Reg. No. 35601; Grant H. Peters, Reg. No. 35977; Daniel P. Albers, Reg. No. 44008; Sendil Devadas, Reg. No. 52425; Thomas E. Smith, Reg. No. 18243; Dennis M. McWilliams, Reg. No. 25195; James R. Sweeney, Reg. No. 18721; William M. Lee, Jr., Reg. No. 26935; Glenn W. Ohlson, Reg. No. 28455; David C. Brczina, Reg. No. 34128; Jeffrey R. Gray, Reg. No. 33391; Gerald S. Geren, Reg. No. 24528; Robert F.I. Conte, Reg. No. 20354; Timothy J. Engling, Reg. No. 39970; Howard B. Rockman, Reg. No. 22190; Peter J. Shakula, Reg. No. 40808; Mark A. Hagedorn, Reg. No. 44731; Mark J. Nahnsen, Reg. No. 51093; and Brian J. Gill, Registration No. 46727 as attorneys of record with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and I specify that communications regarding the application be directed to:

BARNES & THORNBURG
11 South Meridian Street
Indianapolis, Indiana 46204
Telephone (317) 236-1313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Jay Prabhakar Gore
FULL NAME OF SOLE OR FIRST JOINT INVENTOR

USA
Country of Citizenship

Inventor's Signature

Date

916 LaGrange Street

West Lafayette, IN 47907

Residence and Post Office Address

Sivakumar Santhanakrishnan
FULL NAME OF SECOND JOINT INVENTOR

India
Country of Citizenship

Inventor's Signature

Date

5309 Holly Springs Dr. E., Bldg. 25

Indianapolis, IN 46254

Residence and Post Office Address

Kislaya Kunjan
FULL NAME OF THIRD JOINT INVENTOR

India
Country of Citizenship

Inventor's Signature

Date

428-4 S. Chauncey Avenue

West Lafayette, IN 47906

Residence and Post Office Address

Anjan Mehta
FULL NAME OF FOURTH JOINT INVENTOR

Inventor's Signature

18 Willis Holden Drive

Acton, MA 01720
Residence and Post Office Address

Paul J. Mulqueen
FULL NAME OF FIFTH JOINT INVENTOR

Inventor's Signature

5472 N. 300 E.

Greenfield, IN 46140

USA
Country of Citizenship

Date _____

USA
Country of Citizenship

Date _____

INDS02 GLT 639999v1



Attorney Docket No.: 3220-73780
Client Reference No.: P-01073.00.US

DECLARATION AND POWER OF ATTORNEY -- PATENT APPLICATION

As a below named inventor, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought in the application entitled:

METHOD AND APPARATUS FOR MEASURING A SUBSTANCE IN A BIOLOGICAL SAMPLE
the specification of which
(check one) is attached hereto
 X was filed on October 24, 2003 as
United States Application Serial No. 10/692,996 or
PCT International Application No.
and was amended on

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate on which priority is claimed (as listed below) and I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
<u>PCT/US02/22899</u> (Number)	<u>PCT</u> (Country)
<u>7/18/02</u> (Day/Month/Year Filed)	<u> X </u> Yes
	<u> </u> No
<u> </u> (Number)	<u> </u> (Country)
<u> </u> (Day/Month/Year Filed)	<u> </u> Yes
	<u> </u> No

I hereby claim benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

<u>60/312,165</u> Application Number	<u>8/14/01</u> Filing Date
<u> </u> Application Number	<u> </u> Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(b) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u> </u> Application Serial No.	<u> </u> Filing Date	<u> </u> Status-patented, pending, abandoned
---	--	--

<u> </u> Application Serial No.	<u> </u> Filing Date	<u> </u> Status-patented, pending, abandoned
---	--	--

I hereby appoint William R. Coffey, Reg. No. 24023; Arland T. Stein, Reg. No. 25062; Richard D. Conard, Reg. No. 27321; Dilip A. Kulkarni, Reg. No. 27510; Richard A. Rezek, Reg. No. 30796; Paul B. Hunt, Reg. No. 37154; Jeffrey A. Michael, Reg. No. 37394; Bradford G. Addison, Reg. No. 41486; Shawn D. Bauer, Reg. No. 41603; Ronald S. Henderson, Reg. No. 43669; James R. Sweeney II, Reg. No. 45670; Christopher E. Haigh, Reg. No. 46377; Kevin D. Bailey, Reg. No. 46531; Rebecca Ball, Reg.

No. 46535; Carli E. Stewart, Reg. No. 51058; Helen Geib, Reg. No. 50924; Kevin L. McLaren, Reg. No. 48351; Perry Palan, Reg. No. 26213; Mark M. Newman, Reg. No. 31472; Richard P. Krinsky, Reg. No. 47720; Richard B. Lazarus, Reg. No. 48215; Bobby B. Gillenwater, Reg. No. 31105; Gregory S. Cooper, Reg. No. 40965; Thomas J. Donovan, Reg. No. 33231; Alice O. Martin, Reg. No. 35601; Grant H. Peters, Reg. No. 35977; Daniel P. Albers, Reg. No. 44008; Sendil Devadas, Reg. No. 52425; Thomas E. Smith, Reg. No. 18243; Dennis M. McWilliams, Reg. No. 25195; James R. Sweeney, Reg. No. 18721; William M. Lee, Jr., Reg. No. 26935; Glenn W. Ohlson, Reg. No. 28455; David C. Brezina, Reg. No. 34128; Jeffrey R. Gray, Reg. No. 33391; Gerald S. Geren, Reg. No. 24528; Robert F.I. Conte, Reg. No. 20354; Timothy J. Engling, Reg. No. 39970; Howard B. Rockman, Reg. No. 22190; Peter J. Shakula, Reg. No. 40808; Mark A. Hagedorn, Reg. No. 44731; Mark J. Nahnsen, Reg. No. 51093; and Brian J. Gill, Registration No. 46727 as attorneys of record with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and I specify that communications regarding the application be directed to:

BARNES & THORNBURG
11 South Meridian Street
Indianapolis, Indiana 46204
Telephone (317) 236-1313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Jay Prabhakar Gore
FULL NAME OF SOLE OR FIRST JOINT INVENTOR

USA
Country of Citizenship

Inventor's Signature

Date

916 LaGrange Street

West Lafayette, IN 47907
Residence and Post Office Address

Sivakumar Santhanakrishnan
FULL NAME OF SECOND JOINT INVENTOR

India
Country of Citizenship

Inventor's Signature

Date

5309 Holly Springs Dr. E., Bldg. 25

Indianapolis, IN 46254
Residence and Post Office Address

Kislaya Kumari
FULL NAME OF THIRD JOINT INVENTOR

India
Country of Citizenship

Inventor's Signature

Date

428-4, S. Chauncey Avenue

West Lafayette, IN 47906
Residence and Post Office Address

Anjan Mehta
FULL NAME OF FOURTH JOINT INVENTOR

USA
Country of Citizenship

Inventor's Signature

Date

18 Willis Holden Drive

Acton, MA 01720
Residence and Post Office Address

Paul J. Mulqueen
FULL NAME OF FIFTH JOINT INVENTOR

USA
Country of Citizenship


Inventor's Signature

3-25-04
Date

5472 N. 300 E.

Greenfield, IN 46140